



Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12



Volume 1—No. 17

OAK RIDGE, TENNESSEE

Tuesday, August 26, 1947

Making Of Poster Illustrated

57146



Ridge Runner Ron, otherwise known as "Mike," makes his contribution to Y-12 safety by appearing on a locally produced poster. "Mike" a wire-haired terrier, belongs to H. P. Doyle. (Picture of group planning poster is on Page 3.)

Safety Photoposters Made In Y-12 Mobilized To Cut Accident Rate

Y-12 now has its own safety photoposter program directed toward the elimination of specific hazards. These posters, warning of potential hazards encountered in all phases of work, are the outgrowth of the combined ideas of several persons representing various departments.

Teaming up to produce the first series of 12 photoposters were representatives of Safety, Analytical Laboratories, the Paint Shop and Photographic. Ideas for the posters, tossed from one department to another in the early stages of development, were like snowballs. The farther they rolled, the more they picked up.

Poster Growth Shown

In the pictures presented herewith, the evolution of one of the posters is illustrated, for example. The Safety Department, interested in maintaining accident-free working conditions, is ever on the alert for means of illustrating accident hazards and the importance of avoiding and eliminating these.

Photographic Department wishes to see the lessons presented graphically and effectively. The Paint Department fabricates the silk screens which are used in producing the posters in quantity and Analytical Laboratories gives technical advice as to the hazards encountered in chemical operations, besides furnishing some of the subject matter.

The accompanying pictures were developed to bring home the need for keeping gas filled cylinders chained to the wall. Loose cylinders create several hazards. Workers passing by may strike a cylinder and cause it to fall. This may not only injure the foot or the body of the worker, it may also break or loosen the valve on the cylinder. Under certain conditions the escaping gas may cause the cylinder to travel some distance, much as a rocket moves from one place to another.

Dog And Cat Help

In an effort to bring these lessons home, the various departments involved began a hunt for "properties" needed in the making of

(Continued on Page 3)

Building Cost Cut By Y-12 Physicist

W. K. (Bill) Prater, physicist in Dept. H12L, believes he has found a means of beating inflationary building costs. With dreams of a home of his own interrupted by service as a B-24 airplane pilot in the European Theater of Operations during the war, he has had the satisfaction of seeing the home take form near Jefferson City, Tenn.

Nor is Prater willing to stop there. The recent war also interrupted plans to complete a law course. This training also will be resumed in a year or so.

Started Before War

Work on the home began before his entry into military service in 1943. Answering the call of his country, Prater laid the home plans aside and entered the Army Air Force. After 14 months of training in Texas as a cadet, he received his commission as a First Lieutenant. He then set about training his own crews.

(Continued on Page 2)

Day Shift Hour Change Starts On September 1

Effective Monday, September 1, those employees now working the day shift—8:15 a.m. until 5 p.m.—will be required to work from 8 a.m. until 4:30 p.m., with an unpaid lunch period of 30 minutes.

Those employees who are required to change clothes will be required to clock in at 8 a.m. and clock out at 4:30 p.m. as other employees are required to do. Such employees will be allowed to change clothes after clocking in and before clocking out and supervision will be responsible for determining that they take no more time than is absolutely necessary to change clothes. To facilitate this change in practice, clocking stations are being placed in various change houses.

No change will be made in the roating shift hours. These remain as follows:

- 7 a. m. — 3 p.m.
- 3 p.m. — 11 p.m.
- 11 p.m. — 7 a.m.

Caution Still Needed In Y-12 Area Driving

Signs in Y-12 which set a maximum speed limit of 25 miles per hour mean just that, according to the Plant Protection Department, which is asking for a stricter observance of work area driving regulations.

It is also pointed out that these regulations call for reduced speed where congested areas or traffic conditions demand it. The signs may be seen at various strategic points in Y-12.

The Plant Protection Department calls attention to the fact that there is a human tendency to relax vigilance when little traffic is moving. "However, danger may be lurking just beyond the next stop sign or around the next corner," they warn. "Reduced volume of automobile and truck traffic has tended to lull many drivers into a sense of false security. Fortunately, no traffic fatality or serious accident has occurred within Y-12. A moment of negligence might cause this splendid record to be broken in the wink of an eye. Drive carefully!"

Observance of all stop signs, keeping within the speed limits, and the sounding of horns when backing are three highly important principles to follow, it is stressed.

Also, all drivers of Government vehicles are required to carry at all times the Government driving permit as well as the State driver's license. Anyone desiring to take the Government driving tests may do so through facilities of the Y-12 Safety Department at the North Portal.

Procedures still exist which provide penalties for violation of the traffic rules or driving regulations.

DOLAN TO SPEAK

Lynn Dolan, Oak Ridge City Manager, will be luncheon speaker at a meeting of the Junior Chamber of Commerce when the organization meets at Grove Hall on Wednesday, August 27.

New Holiday Pay Plan Is Approved; Effective Date Will Be August 31

A new holiday pay plan for Y-12, to be effective August 31 and to apply for the first time on Labor Day, September 1, was announced today by C. N. Rucker, Y-12 Superintendent. Generally, the plan provides for straight-time pay for holidays not worked for those who are scheduled to work on that day, and for a double time pay when the holiday is worked. Most of the hourly-roll employees at Y-12, as well as the non-exempt salaried-roll employees, will be eligible at this time to participate in the plan.

For some time past considerable study has been given by the Company to the difficulties encountered by our hourly-roll employees because they lost a day's pay during a work week in which a holiday occurred. After due consideration of all the facts, a new holiday pay plan was devised and approved, which would not penalize the hourly-roll employees because of lost time on holidays and which would increase the compensation of hourly-roll and non-exempt salaried-roll employees who are required to work on holidays.

Eligibility Rules Given
Under the National Labor Relations Board rules, certain existing conditions at the Y-12 Plant dictate who will be eligible at this time for holiday pay under the new plan, and who will not be. We believe you should be advised in some detail as to what these conditions are.

As reported to you in the Y-12 Bulletin of August 5, the International Association of Machinists filed a petition with the National Labor Relations Board requesting that they be certified as the bargaining agent for certain of our employees. On August 14 the petition was amended, and the petitioner now requests that they be certified as the bargaining agent for the following groups of employees:

Tool and Die Makers, Pattern-makers, Machinists, Machine Hands, Grinder, and Polishers, Tool Crib Attendants, Carbon Machine Operators, Welders, Inspectors (those who inspect work of Machinists and Machine Hands), Cleaners, Vacuum Service Mechanics, Service Mechanics (Dept. M13B), Millwrights, Standby Mechanics, and Group Leaders of above-named classifications.

Under these circumstances, it would be illegal and the Company would leave itself open to a charge of an unfair labor practice if the holiday pay plan were put into effect at this time for any of our employees included in the petition; so, for the time being, only the hourly-roll employees not included in the petition will be eligible to receive holiday pay as outlined in the new plan. However, should the petition be dismissed, the plan will go into effect on a retroactive basis for all hourly-roll employees who did not participate because of the petition.

If, after an election, the National Labor Relations Board orders the recognition of the Union, we will make the same offer to the Union applicable retroactively for its members.

Features Outlined
Features of the new holiday pay plan are outlined as follows:

- (1) The following are recognized holidays:
New Years Day
Memorial Day
Independence Day
Labor Day
Thanksgiving Day (as locally observed)
Christmas Day
If any of those holidays falls on a Sunday, it shall be observed in the application of this provision on the following Monday.
- (2) A rate of twice the straight time hourly rate shall be paid for all hours worked on the six (6) recognized holidays.
- (3) Employees will be paid for

(Continued on Page 3)

Labor Day To Be Holiday

Labor day, September 1, will be observed as a holiday in Y-12. No employee will be required to work on this date except for those employees whose presence on the job is necessary to assure continuous operation and protection of the plant, such as the skeleton forces which are on duty on Saturdays and Sundays.

Absence occurring on the days immediately preceding or following this holiday will not be excused except when written evidence is presented to the Division Superintendent indicating that unavoidable circumstances necessitated the absence.

Supervisors are to arrange work schedules and inform employees accordingly.

Color Slide Contest Slated For Members Of Camera Club

Members of the Carbide Camera Club will embark tonight upon the long range program formulated Tuesday, August 12, when the group met in the Y-12 East Portal Building clubrooms. Color slides of members will be entered in a general contest, with no limit upon the number submitted.

Gilbert Mellen, of Y-12, club president, said that keen interest had been exhibited in previous color slide exhibits and that it was hoped that the response would equal that of other such affairs.

Efforts are being made to obtain a projector for slides larger than the two-inch square size, in order that the larger slides may be shown for the group.

For the first meeting in September, there will be a black and white print competition, with babies as subjects.

SAME NAME, NO RELATIVE

Numerous sports and radio fans doubtless will recall Graham McNamee, fast-talking announcer of the early and middle thirties. George McNamee, Superintendent of Cafeterias and Canteens, recalls him particularly well, not only because their names were the same but because of the fact that the radio star who died some years ago stayed in a hotel which the Y-12 man managed during the years 1931 to 1933. The two were not related, however.

Y-12 Bulletin

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GEORGE W. DOBBS . News Editor
JOHN FARIS . . Asst. News Editor
ARNOLD TILLER . . . Sports

OFFICE
North Portal, Bldg. 9701-1
Telephone 7402 or 7-8252

State Of Franklin Once Headed By John Sevier

John Sevier, historical figure in the annals of Tennessee, was once elected president of the State of Franklin, with its capitol in Greeneville. Formation of Franklin came about following the cession by North Carolina in June, 1784, of the territory now within the borders of Tennessee.

Inhabitants of this ceded area, which was given to the United States, felt that no provision had been made for the section, as the cession was not to take effect until Congress signified its intention of accepting it within the space of two years. It was feared also that Congress would make no immediate provision for governing the territory.

There was no proper judicial tribunal for the trial of felons and there was no method of enforcing collection of taxes. Feeling that they were thrown upon their own resources, the people set to work to devise a government of their own. A convention was called to meet in Jonesboro on August 23, 1784, at which Sevier was elected president. Landon Carter was named secretary.

The State of Franklin (sometimes called Frankland) was the direct outgrowth of the movement. The constitution adopted provided, among other things, that no doctors, lawyers nor preachers were to be admitted to the legislature. Sevier was elected governor, with David Campbell as judge of the Superior Court. Greeneville was chosen as the seat of government.

Taxes were payable in articles of commerce, such as beaver skins, bacon and sugar. When the Governor of North Carolina heard what had taken place in the ceded territory, he issued a manifesto urging the people to return to their allegiance to the State of North Carolina. Governor Sevier endeavored to refute the arguments of the North Carolina official and urged his people to stand by the new State.

The final session of the Franklin Legislature met in September, 1787. The term of office of the legislators was about to expire and the authority of the State was so weak that no elections were held to fill their places. Sevier's term of office was also near its close. He was ineligible to reelection and there would be no legislature to elect his successor.

Sevier's term expired March, 1788, and the State of Franklin disintegrated after a brief and colorful career of approximately three years. The "state" rejoined North Carolina, her mother, and was duly forgiven. In 1796, eight years after Franklin expired, Tennessee joined the Union as the 16th state.

Hospital List

Patients at the Oak Ridge Hospital included four Y-12 employees last week: Gillis Williams, Dept. A15N; John H. Stone, Dept. A15N; Mary E. Smith, Dept. B12L; Ava Jackson, Dept. B12A.

MARRIAGE IS EXPENSIVE

Before a would-be bridegroom in Tennessee can obtain a marriage license, he must furnish bond of \$1,250 with three signers. Passed in the early days of the State, the law has never been repealed. The original purpose of the law is unknown.



Frances Webb and Elizabeth Patrick, Dept. B12L, have returned from a long weekend spent at Myrtle Beach, S. C. . . . Arlena Turner has also returned from a long weekend spent in Dayton, O. . . . Guy Wells and family are vacationing in Georgia.

S. R. Wise, Dept. A14N, recently returned from a vacation which he spent in Mississippi . . . G. H. Gritton, who spent his vacation in Illinois, also has returned . . . J. A. Purvis toured St. Louis, Mo., Detroit, Mich., and went by boat to New York during his vacation . . . W. S. Caruthers is vacationing.

James Davis, Dept. A12R, is vacationing in North Carolina.

Herman Powell, Dept. H12L, is vacationing. Another vacationer is Eric Swanson, Dept. M13C.

Joyce Merry, Dept. A12M, is spending her vacation in Johnson City.

R. H. Waddle, interviewer in the Employment Dept., is spending a two weeks vacation at home in Knoxville . . . Robert Cantrell and family spent a recent weekend in Sylvia, N. C.

H. D. Duncan, Dept. A12N, is vacationing two weeks in Miami, Fla.

Word has been received that Katherine Clifton, former employee in Y-12, was married August 23, to William Thomas Trevillian. The bride was employed in the Accounting Dept., from 1943 to 1945.

William Ward and Jess Griffen, Dept. M14C, returned Monday from a weeks' vacation.

Fire Chief J. W. Hughey attended the International Association of Fire Chiefs Conference in New York during his vacation last week.

C. B. Carter of Dept. A12S, is spending a two week vacation at his home in Mississippi and points in Florida.

Jack Garland of Dept. A12S, has returned from a vacation spent in Kingsport and in Washington, D. C. . . . Lloyd Acres is spending a two week vacation in Indiana . . . The following employees in Dept. A12S are on vacation: David Griffith, Lester D. Hayes and W. J. Stolp, Sr.

Jack Thompson, Dept. H12D, has just returned after a two week vacation during which he entertained his father and mother from New York City, N. Y., and sister-in-law from Boston, Mass. They visited points of interest in East Tennessee . . . G. H. Clewett and wife left Friday by automobile for a two week vacation in Florida.

Ann Preston, Dept. A12N, who left recently on a two week vacation, flew to Cleveland, Ohio, then drove to Chicago, Ill., and Milwaukee, Wis. . . . Nelson Tibatts is going to tour the lakes in Tennessee on his vacation. He borrowed a trolling reel from Avery Kendig and hopes to be able to land a big one this time. We wish him all the luck . . . George Howard, Dept. A17N, is spending his vacation in Oak Ridge with a visit or two off the area, including a day spent in Morristown, Tenn. It is hoped he doesn't have to start exercising just as soon as he returns to work. . . . D. V. Zehner and family are vacationing in Florence and Athens, Ala. . . . A. L. Stewart is also on vacation.

Helen Penland, Dept. A12N, is spending part of her vacation in Miami, Fla. . . . Lula Bell Justice and husband and daughter, Pansy, are spending the weekend in Harlan, Ky., visiting Mr. Justice's father . . . Kathryn Miller is spending her vacation in Detroit, Mich. . . . Leo Edmonds is on vacation.

Jack Case, Dept. A16N, and family are vacationing in East Dalton, Ill.

Employees in the office of E. A. Bagley, Dept. A12M, feel that he is taking unfair advantage of his vacation by going fishing. He is never at home when they call to ask him a question about the office.

DEvised ALPHABET

The giant Sequoia trees of California were named in honor of George Gist or Guess, better known as Sequoyah, who devised an alphabet for the Cherokee Indians. Sequoyah, a half-breed Cherokee, built up an alphabet of 85 characters in 1818. The Cherokees became highly literate as a result.

Y-12 Man Sees House Nearing Completion



High Cost Of Construction Is Beaten By Y-12 Physicist

(Continued from Page 1)

"We were stationed in England with the Eighth Air Force for about six months," Prater says. "I flew 20 combat missions over Berlin and other German cities. It seems I had a charmed life, because I was never struck by shells. I did crash land three planes—two in France and one in England. But there were no serious injuries for the crew or myself."

Work Is Resumed

Upon returning from service, Prater got busy on his home plans. In October, 1945, he brought in a sawmill which did custom work. Approximately 50,000 feet of pine, poplar and oak was cut and from this, 26,000 feet of lumber was selected for the house.

After the lumber air-dried for a year, it was dressed, sized and matched. Last March, actual construction work was started. Prater had obtained a scraper and team for excavation of the basement. He helped on weekends with the digging.

The basement will contain five rooms while the ground floor will have eight. There is also a double garage on the ground floor. At its widest part the house will be 46 feet, with an overall length of 76½ feet. The outside finish is now being completed and the interior will be of natural white oak. The garage is yet to be framed.

Will Complete Law Course

Shortly after completion of this house, Prater plans to move his wife and young daughter, Carole Lynn, into it. Carole will be three in October. But there won't be any commuting to and from Oak Ridge for Prater.

"I want to complete my legal training," he says. "Our present plans are that my wife will teach in or near Jefferson City, while I attend Harvard University Law College. I want to get my degree in law, as I plan to work as an attorney for some large corporation." He will attend the university under the GI bill of rights.

Prater received his prelaw training at Carson-Newman College, which he attended during the years 1938-42.

As for the cost of the residence near Jefferson City, it will run around \$8,500 according to present estimates. Prater thinks this is about \$2,000 less than it would run if he had to buy the finished lumber.

Prater and his family are now living at 220 Waddell Circle, Oak Ridge.



W. K. (Bill) Prater and his wife are shown at the left in the upper left picture as they check the plans for their new house, near Jefferson City. Small daughter, Carole Lynn, gets a "boost" from her grandfather, J. F. Prater. She has been verifying some of the measurements with her yardstick. In the photograph at the upper right, neighbors who were visiting near the Praters are shown as they inspect the new house. Although it is still 17 weeks until Christmas, Carole Lynn is examining the fireplace chimney for size in the lower picture. "Yep, it looks big enough," she says. Grandpop is with her again.

Recently Wed



Mrs. Layton R. Williams

Mrs. A. E. Matheny of Sparta, Tenn., announces the marriage of her daughter, Lynn, to Layton Rivers Williams at Rossville, Ga., on Friday, August 15. The bride, who is employed in Dept. A12S, is the daughter of Mrs. A. E. Matheny and the late Mr. Matheny, of Sparta.

The groom, who is employed in the Instrument Division of K-25, is the son of Mrs. Florence Williams, of Hickman, Ky. He received his B. S. degree from Murray State Teachers' College, Murray, Ky.

Department Absentee Mark For Week Ending Aug. 17

MAJOR LEAGUE			
More Than 50 Employees			
Dept.	Percentage		Standing
	Absent	8-17-47	8-10-47
A14J	0.4	1	5
A12M	0.58	2	6
M12P	0.61	3	11
A13N	0.7	4	4
A14N	0.9	5	1
A16N	1.8	6	3
A12R	1.9	7	1
H12L	2.0	8	2
A12G	2.1	9	10
H12E	2.7	10	12
M15C	2.76	11	7
A12S	2.77	12	8
M13B	2.9	13	10
H12L	3.2	14	13
H12D	3.4	15	15
B13L	3.7	16	9
M13C	4.8	17	16
A17N	5.2	18	14
A12W	5.6	19	17

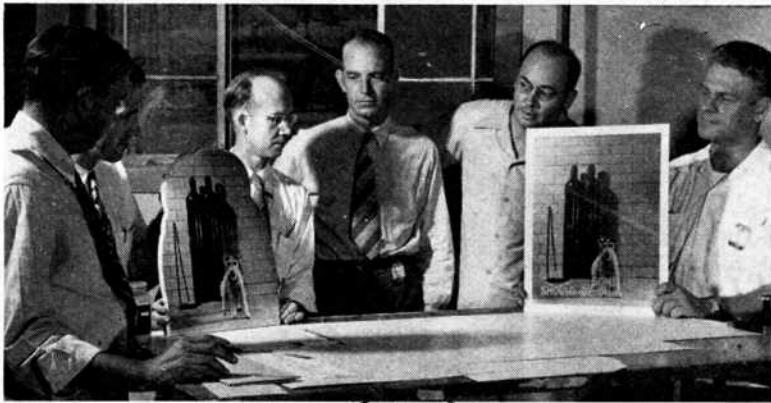
Group average absentee percentage was 2.6, .3 per cent lower than the preceding week.

MINOR LEAGUE			
From 15 to 49 Employees			
Dept.	Percentage		Standing
	Absent	8-17-47	8-10-47
A12N	0.0	1	1
M12M	0.0	1	10
B12A	0.0	1	2
M14C	0.5	2	3
A13T	0.9	3	1
A12D	1.4	4	1
M12S	2.7	5	5
A15N	3.0	6	6
A12A	3.3	7	8
A12L	5.0	8	1
A12T	8.5	9	4
A19N	9.4	10	7
A12J	10.0	11	9

Group average absentee percentage was 2.7, .1 per cent lower than the preceding week.

The plant average for the week ending August 17 was 2.6, .3 per cent lower than the preceding week.

Group Confers On Poster Idea



One of the steps in developing a Y-12 safety photoposter is illustrated above. Several departments, some gas cylinders, a dog and a cat teamed up to make the finished product. Discussing the poster in the photograph above are Eugene Hill, left, of the Paint Dept.; E. L. Bentley, of Safety; F. E. Clark and D. M. Lang, of B12L, Chemical; Vincent Moore, Photographer; and N. L. Zabenco, also of B12L.

Y-12 Photoposter Project Depicts Safety Hazards

(Continued from Page 1)

a poster. H. P. Doyle volunteered to enlist the aid of Ridge Runner Ron, wire-haired terrier known as "Mike." Also assisting was a stray cat, recruited from the Oak Ridge pound.

Once the cat was in visual and olfactory range of "Mike," his dander was aroused. That gave rise to the alert expression on his face and the photographer snapped the shutter. It may be explained that the cat was safely out of range and well protected by a cage.

Another step was the making of a silk screen by the Paint Shop. Ridge Runner Ron should appear shortly in Y-12 on the posters with his lesson to all workers. The poster will read: "Some things should

be chained," with the "should" crossed off and the word "must" substituted.

Local Situations Depicted

Previously, Y-12 has been using the National Safety Council posters. These will still be displayed in the future, with the locally-produced posters supplementing the commercial product. It is felt that local conditions, when presented by pictures illustrating local persons and objects, bring the lessons home to the personnel involved.

The first series of Y-12 posters contains 12 placecards which illustrate unsafe conditions or improper chemical laboratory techniques. By pointing out these hazards, the posters will enable workers to correct the hazardous conditions and thus avert personal injury and possible property damage.

Other posters illustrating potential hazards in other parts of the Y-12 plant have been planned and will be completed later. The Y-12 Bulletin will publish examples from time to time.

Cooperation In TB Drive Asked Of Y-12 Employees

Y-12 employees who live in Oak Ridge are being urged to avail themselves of the opportunity to obtain free chest X-rays when four mobile trailers of the United States Public Health Service visit the Atomic City next September 5. The trailers will remain here until October 4.

It is pointed out that early discovery of tuberculosis is the secret of successful control. X-ray examinations provide health insurance and provide the answer to the question as to whether a person is infected.

If 100 per cent cooperation is given in the drive against tuberculosis, exposure of children and family members will be reduced to a minimum, it is pointed out. City Management, the Oak Ridge Public Health Department and various civic and service clubs are coordinating all their efforts in an attempt to stamp out this disease.

Billiard Players Sought In Tourney

Several Y-12 players have placed their names on a Y-12 billiard tournament ladder at the East Village Billiard Room and competition is now in full swing. A call is being sent out for more men and anyone interested is asked to give his name to the manager of the pool hall. The manager will add the name to the list and the new entrant will be ready to play.

Top men on the ladder will be chosen to represent Y-12 in the City Billiard League. Standings at the end of the first week of play follow:

1. Fowler.
2. Outlaw.
3. Ledford.
4. Sewell.
5. Stevens.
6. Webb.

Y-12 Gals Turn Trick; Defeat Hospital Nine

After trying all year to win just one game from the strong Hospital nine, the Y-12 lassies finally turned the trick last Tuesday night, when they met the pill rollers. Score 3 to 1.

The Hospital outfit scored the lone tally from a bunt on the single hit given up by Y-12 pitcher Pat Roberts. The Y-12 girls collected seven off Fay Clough, fast ball artist for the medics.

The Y-12 lassies were scheduled to journey to Clinton last Friday night and to Kingsport on Saturday night. Today they were slated to play Monsanto, with whom they are also to play a rained out game tomorrow. These games will conclude the regular league season.

In an off-area game last Thursday night, the Y-12 girls trounced the Clinton All-Stars 5 to 4.

Scores by innings in the Hospital-Y-12 fray follow:

Y-12	2	1	0	0	0	0	3	7	0
Hospital	0	0	0	1	0	0	1	1	1
Standings:									
Hospital					W	L			
Y-12					10	2			
K-25					8	4			
Monsanto					4	10			
					3	9			

Women's Bowling League Planned

Women bowlers are being sought by the Y-12 Recreation Office in an effort to form a women's bowling team. Mrs. Roy Roberts, formerly of Y-12, and wife of an employee in Bldg. 9212, will assist in coaching. Mrs. Roberts, who is one of the top women bowlers, also may bowl with the Y-12 women. All girls interested in bowling should call the Recreation Office, telephone 7-8252.

A meeting will be held at 7 p. m. Thursday, August 28, to organize the Oak Ridge Women's City Bowling League. Y-12 expects to enter a team.

New Holiday Pay Plan Set; Effective Date August 31

recognized holidays not worked an amount equivalent to eight (8) times the employees' straight time hourly rate, subject to the following conditions:

(a) An employee who is instructed to work on a holiday but who fails to report and does not have an acceptable excuse, will receive no pay for the holiday.

(b) Such pay shall be made to the employee only if the recognized holiday would normally have been worked by the employee if it had not been a holiday.

(4) Pay received for unworked hours on a holiday will not count as hours worked in the calculation of overtime in the work week.

(5) For the purpose of administering this Holiday Pay Plan the straight time hourly rate shall include any applicable shift differential.

(6) This plan shall be made effective as of August 31, 1947.

Non-exempt salaried roll employees who are required to work on a holiday will be paid double time.

POWDER PUFF SPECIAL

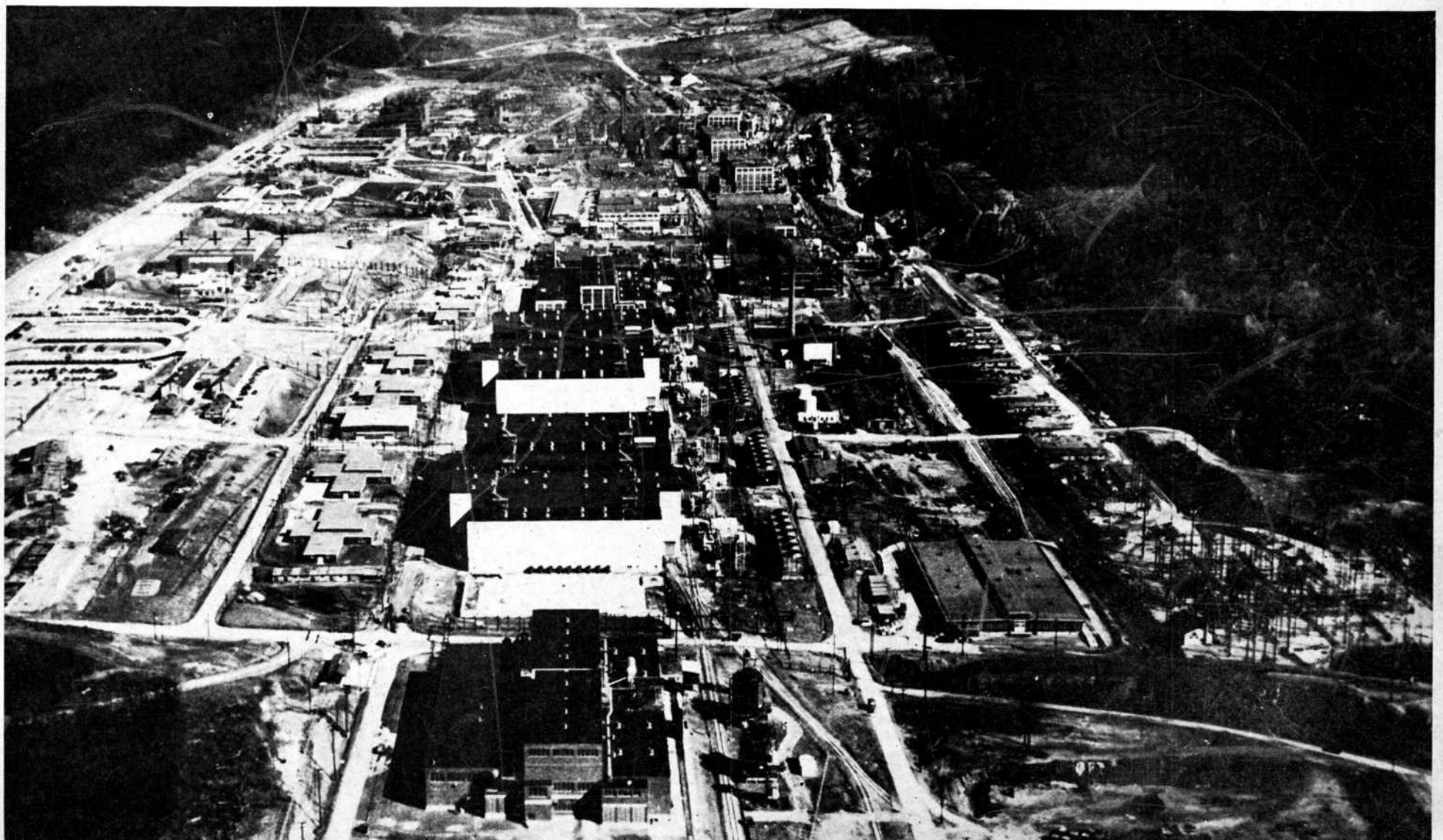
During World War I, railroads between Nashville and Old Hickory (then known as Jacksonville), carried 18,000 employees to and from the two points. A train of 14 coaches for women employees was known as "the Powder Puff Special." Jacksonville at that time was the site of a gunpowder plant.

"Just because my client was on his hands and knees in the middle of the road is no proof he was drunk," argued defense counsel.

"Probably not," said the policeman, "but this one was trying to roll up the white line."

Leading minerals of the State of Tennessee are coal, phosphate, clay, zinc, copper, sand, gravel, marble and sandstone.

Camera Man Catches View Of Y-12 Area From Airplane



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S P O R T S

Wins In Jaycee Crate Derby



Richard Reece, son of J. S. Reece, of Dept. H12D, is pictured above in the vehicle which he piloted to victory in the first annual Orange Crate Derby sponsored by the Oak Ridge Junior Chamber of Commerce. Perched on Richard's shoulder is a pet crow cawing words of encouragement.

Son Of Y-12 Man Cheered To Win In Crate Derby By Twin Sister

Spurred to victory by the cheers of Mary Sue, his twin sister, Richard Reece, son of a Y-12 man, piloted his vehicle across the finish line to win the Class A and open championships in the first annual Orange Crate Derby of the Oak Ridge Junior Chamber of Commerce.

As his sister stood on the sidelines screaming "Come on, Richard!" the 13-year-old lad shot by like a white streak to defeat David Marshall. George Reece, another brother of Mary Sue, had previously been defeated in the Class B and open contests by young Marshall. The derby was staged Saturday, August 16, on New York Ave.

Competed At Chattanooga

Richard, who had competed in a Soap Box Derby staged at Chattanooga on August 2, said that he thought the experience gained there had been valuable in the Oak Ridge race. Credit was also given to Joe, a pet crow, who belongs to George. "I think he whispered something in your ear which helped you win, Rich," George said. "If he had helped me, I believe I might have done better myself."

The crow, found about two months ago in a clump of woods near the Reece residence, 154 Kentucky Ave., is a great neighborhood pet. He perches on the shoulders of the friends of the Reece boys and comes to the Reece door every day for the food which he knows will be waiting.

New Cars Planned

With the experience gained in the Orange Crate Derby behind them, the Reece boys plan to design entirely new vehicles for future competitions. They will store the wheels used in the Jaycee affair until these new vehicles are completed.

Practice runs will be made back of the Reece home through a wooded section in which a course has been cleared.

Richard and Mary Sue will be 14 years old next October 2. George is 12. All are children of Mr. and Mrs. John Reece. The father is employed in Dept. H12D.

An engraved cup from the Oak Ridge Junior Chamber will be awarded Richard in recognition for his exploit.

"Are ye fond o' movin' pictures?" Sandy asked the new parlormaid. "Aye, sir," was the response. "Guid," said Sandy. "You can help me get half a dozen doon out o' the attic."

Banic Boat Now Cruising Lake

George Banic, Engineer in Dept. H12L, who recently completed an inboard motorboat, has been "skippering" the craft over the waters of Norris Lake for somewhat more than a month.

Banic, who passed the United States Power Squadron examination last spring, says that his study of seamanship and of coast guard rules and regulations has stood him in good stead in his marine activities. "Anyone who owns a boat will do as well to make the Power Squadron course when it is offered in the fall," Banic said. Upon completion of the training, he received an official Power Squadron emblem.

Banic, whose craft can carry six passengers and turns up a speed of approximately 30 miles per hour, has been busy during recent weekends in putting the final touches on his craft.

"I have installed the lights and other essentials necessary to meet Coast Guard regulations," he remarked. "I have yet to place the windshield in position and still must put in the leather upholstered seats. I've also been busy aligning the driveshaft, as the shape of the bottom has changed since the boat was placed in the water."

"I can truly recommend boating as an interesting and healthful sport," he concluded.

Lots of drivers get into traffic trouble by hugging the wrong curve.

Calutrons Lose For First Time In Y-12 Tourney

Suffering their first defeat in the Y-12 double elimination tournament, the mighty Calutrons bowed Thursday night to the Has Beens and were scheduled to meet the same outfit last night in their final game. Thursday night's score was 2 to 1.

The Calutrons collected eight hits off Has Been Pitcher Webb but could make good for only one run. The Has Beens turned in two runs from their three hits.

McPherson, of the Has Beens, rapped out the only homer of the night, when he connected in the first inning.

The score by innings:
Calutrons 0 0 0 0 1 0—1 8 0
Has Beens 0 0 0 1 1 x—2 3 0

Joint Golf Tourney Slated For Rockwood

Forty-seven golfers had qualified late last week for the joint K-25—Y-12 golf tournament which will be held Saturday, September 13 at the Rockwood Municipal Golf Course, according to Art McCann, of K-25, manager. Another 60 players will be qualified when their remaining scores are turned in.

Of the 47 already qualified, eight are from Y-12, leaving thirty-nine in the K-25 area. Ten other Y-12 men are among those who expect to complete qualifications requirements later.

Hours for play by respective entrants will be determined when registration is completed and each one will be notified a week in advance as to the time he will appear on the course.

Any further information regarding the tournament may be obtained from Arnold Tiller, Recreation Office, telephone 7-8252, or from D. W. Harrigan, Bldg. 9704-2, telephone 7054.

Culver Family Takes Prizes In Crossville Plane Contest

Joe Culver, of Dept. A12W, Engineering, and members of his family won several victories Sunday, August 17, when they competed in the second annual Upper Cumberland Model Airplane Contest at Crossville, Tenn.

Dick, 10-year-old son of Joe, won first place in the junior rubber powered stick event and received his first trophy.

Joe himself won first in the senior hand launched glider event, third in the senior tow launched glider competition and fourth in the senior Class B gas division.

Mrs. Culver carried away fourth in the senior Class A gas model competition as well as fourth in the senior rubber powered stick event. The Culvers were accompanied to Crossville by another Y-12 man, Gordon Steele, of Dept. H12L.

Next on the list of model airplane meets is the Junior Chamber of Commerce competition at Chattanooga on September 6 and 7. The Culvers plan to attend and compete.

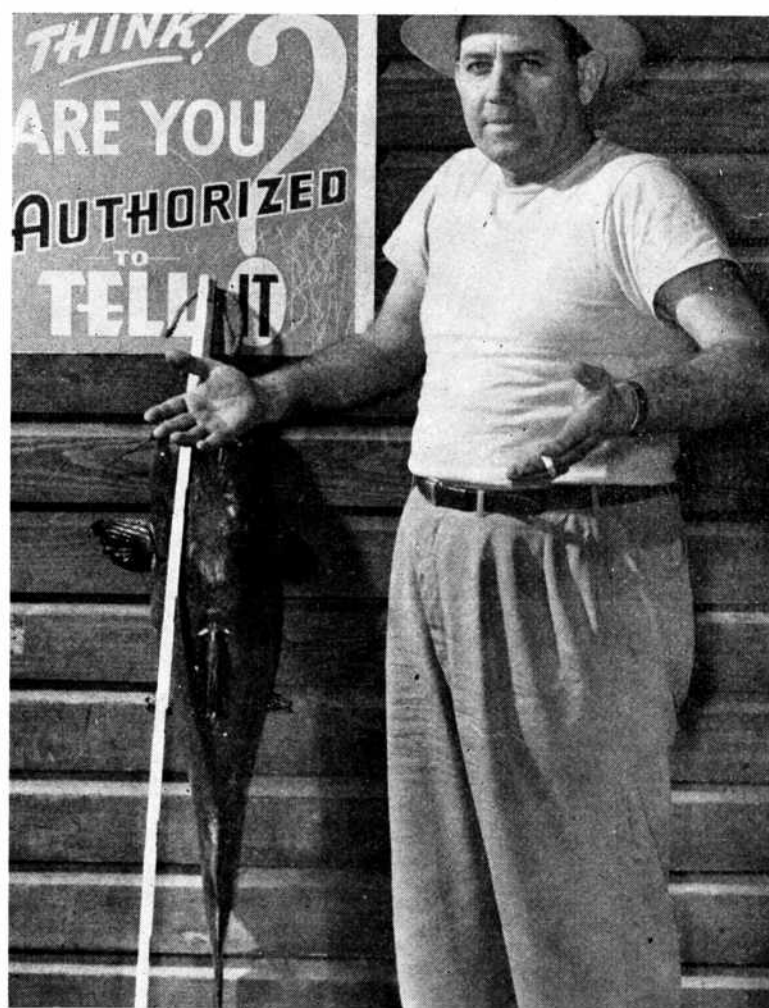
Grass Is Nipped Before Planting

They didn't wait for the grass to grow under their noses, or their feet either for that matter. That's what Y-12 members of the Oak Ridge Golf and Country Club say, not of themselves but of some stray livestock which "raided" the grass seed which was awaiting planting.

Apparently the wandering animals espied the sacks of seed, decided to sample the contents for flavor—and liked it. Anyway, the seeding of greens and grounds was temporarily postponed until the supply could be replenished.

Volunteer workers surveyed the havoc ruefully, reports say, but it was believed that the shock would not be so great as to cause abandonment of the project.

Maybe It Was Atomic Fission



Security regulations being what they are, Capt. H. L. Dickenson, of the Guard Dept., stands mute (but not motionless) as he is cross examined regarding the big fish shown with him in the picture. Unable to obtain confirmation of his story from the fish, Dickenson disappeared after the photograph was taken, allegedly on a vacation trip to Missouri.

Lipstick Kissproof? Slipstick Used By Engineer Not Always Foolproof

In which your non-technical reporter explains the mysteries of a technical gadget.

Just as one seldom sees a girl without her handbag and lipstick or a movie queen without her press agent, an engineer is seldom seen without his slide rule or slipstick. The lipstick may be kissproof but the slipstick is not always foolproof.

These gadgets come in various sizes ranging from the breast pocket model to the three drum job with solenoid controls. The latter is used strictly for major problems like analyzing government budgets or estimating how many times you should raise your partner with six diamonds and a one honor count.

Getting back to the engineers, we find they use the instrument for rapid calculations. You throw any problem at a group of engineers and a group of slide rules will appear presto — so will a group of answers. On occasions like these, it's always diplomatic to wait until the boss engineer comes up with his answer first. Admitted, his slide rule may be a pocket model and yours may be a 12 inch log-log—it's still good practice.

Slide rules are built like any other rules with the addition of a groove in the center through which a small stick slides—hence the common name, "slipstick." Accessories include a magnifying glass, complete with hairline and a tremendous collection of digits from one to nine scattered all over the rule's surface. On the reverse side of the sliding rule, one finds more figures which give sines and tangents of angles. This information is especially useful when slicing a two pound roast so that 12 people can be served.

Slide rules are commonly used to multiply, divide, square and cube numbers. To be proficient in its use a fourth grade multiplication course is also necessary. Otherwise the answer might be \$1.49 instead of \$149.

However, the most important function of the slide rule is its ability to mystify completely those

who are not familiar with its limitations. Many an argument has been won by a slide rule.

Basic facts, carefully prepared and well presented, are often totally disregarded because some stooge pulls out a slipstick at a propitious moment, slides the runner back and forth, then sadly raises his head and says, "I'm sorry, but it just can't possibly work out that way."

There's a story going the rounds about an automobile driver who was hailed into the Justice of Peace court for speeding. After the arresting officer had presented his evidence, the defendant pulled a slipstick from his pocket. Silently and studiously he performed a number of mysterious calculations.

Looking up, he said: "Your honor, my computations refute the evidence given by this officer. If I had done all the things he said I did, in the length of time which he says elapsed, it would have been necessary for me to have been traveling 85 miles per hour."

The judge looked at the defendant with great curiosity. "Just what is that little gadget you have there?"

In the ensuing explanation and demonstration of the slide rule, the charges were forgotten and the defendant left the court room without paying a fine.

How can you argue with someone who seems to have all the answers in his pocket?

IT'S CHEAPER TO LIVE

Lewis Johnson, Janitor in the Conditioning Building (K-25) is author of the following:

A live man pays 25 cents for a shave; a dead one pays \$5.

A woolen overcoat costs \$40; a wooden one costs \$400.

A taxi to the theater is \$1; to the cemetery it is \$10.

Stay alive and save your money. It is easy to work safely.

—Carbide Courier

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